PROFESSIONAL-TECHNICAL EDUCATION

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ADOPTION EFFECTIVE SEPTEMBER 1, 2003 – AUGUST 31, 2008

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Position Statement: Professional-Technical Education

Professional-Technical Education provides Idaho's youth and adults with technical skills, knowledge, and attitudes necessary for successful performance in a highly effective workplace. The scope of instruction ranges from career awareness and exploration at the middle school level to specialized skill development at the high school and post secondary levels.

All Professional-Technical Education programs offer a coherent sequence of courses that include competency-based applied learning. Secondary level Professional-Technical Education programs and services are offered as part of junior high/middle schools, comprehensive high schools and Professional Technical Schools that articulate with the technical college system.

A coordinated career guidance curriculum, with parental involvement, is a key element of an effective guidance program.

Professional-Technical Education student organizations are an integral part of the Professional-Technical Education curriculum and help students develop employability and leadership skills. Students also learn community involvement, teamwork, critical thinking, problem solving and gain an increased awareness of the world of work.

The technical programs are the foundation of Professional-Technical Education. Program areas include:

- Agriculture Science & Technology
- Business & Office Technology
- Career Guidance
- Family & Consumer Sciences
- Health Professions
- Marketing Management Education
- Technology Education
- Trade & Industry Education

The Idaho State Curricular Materials Selection Committee recognizes the need to continually evaluate and reassess educational programs. As part of the evaluation process, the Committee reviews and adopts curricular materials for Professional-Technical Education.

<u>Agricultural Science and Technology</u> - Richard Ledington, Program Manager dledingt@pte.state.id.us

Agricultural Science and Technology (AST) programs prepare and support individuals for careers, build awareness and develop leadership for the food, fiber and natural resource systems.

The basic and most prominent industry in Idaho is agriculture. Agriculture and allied industries supply nearly half of Idaho's gross product and employ more than one-third of Idaho's labor force; while nationally agriculture counts for one in five jobs. Over 20 percent of the gross national product can be tied to the agricultural industry.

Idaho produces approximately 95 agricultural commodities which makes it a very diversified state. This intense and diverse production agricultural industry is supported by an equally diverse allied agribusiness industry; ranging from agricultural sales and service; processing and distribution to agricultural marketing, management, mechanics, and engineering. The allied industries are the major employers in the state.

<u>Business & Office Technology</u> - Angela Neal, Program Manager aneal@pte.state.id.us

Business and Office Technology programs help prepare students for entry into and advancement in business and management careers. Students are able to select and apply the tools of technology as they relate to personal and business decision making. They develop the ability to participate in business transactions in both the domestic and international arenas. Students use accounting procedures to make decisions about planning, organizing, and allocating resources. They apply the principles of law in personal and business settings. Finally, students develop interpersonal, teamwork, and leadership skills necessary to function in diverse business settings.

<u>Career Guidance</u> - Shirley Silver, Program Manager ssilver@pte.state.id.us

Career Guidance programs offer schools the tools to assist students in making educational and career choices. Counselors are actively involved in guidance activities that assist all students in making career choices. They help students in self-assessment, knowledge of educational programs and current labor market trends.

<u>Family & Consumer Sciences</u> - Nancy Walker, Program Manager nwalker@pte.state.id.us

Family and Consumer Sciences programs help to prepare students for success in employment and personal life as well as for a variety of careers in early childhood professions, food production and management, housing and interiors, apparel design and merchandising, hospitality and education, and human services. Students may apply their knowledge and skills to directly enter the workforce or to continue their education at a technical college or a university. Family and Consumer Sciences Education is designed to assist individuals in managing and balancing life in the home, community, and workplace.

<u>Health Professions</u> - Ann Stephens, Programmatic & Curricular astephen@pte.state.id.us

These programs prepare people for careers in the health care industry. Students at the secondary level are provided the opportunity to explore a wide variety of career options, learn some basic health care competencies and receive specific training as nursing assistants or health care aides. Idaho's postsecondary programs expand options in a number of areas including nursing, surgical technology, dental assisting, health information technology, medical assisting and physical therapy assisting. A variety of short-term health care training programs are also available at each of Idaho's six postsecondary technical colleges.

<u>Marketing Education</u> - Richard Winn, Program Manager dwinn@pte.state.id.us

These programs provide classroom instruction and work-based experiences in marketing, business, management and entrepreneurship, communication and interpersonal skills, and economics. The following areas of study are presented in terms of their relationship to marketing of goods, services, or ideas: distribution, financing, marketing information management, pricing, product/service management, promotion and selling. Youth and adults are prepared for careers in sales, advertising, food and restaurant marketing, hospitality and tourism, sports and entertainment marketing, hotel and motel marketing/management and international marketing.

<u>Technology Education</u> - Monti Pittman, Program Manager mpittman@pte.state.id.us

Technology Education is a dynamic performance-based discipline providing students the opportunities to develop leadership, self-confidence, technical and academic knowledge. Using current technologies and processes, outcomes are achieved through interdisciplinary, action-based activities involving teamwork, problem solving, economic and environmental issues related to the future.

<u>Trade & Industry</u> - Don Eshelby, Program Manager deshelby@pte.state.id.us

Trades and Industry (T&I) Education programs mirror the technologies of today's industries by using advanced concepts and applications in an educational environment. The purpose of T&I Education is to prepare students for constantly changing careers that require a meld of sound academic and technical skills and the ability to transfer those skills to a technically mobile occupational setting.

Students are provided opportunities to master competencies under industry-established conditions in programs that meet national industry standards. The curriculum content covers approximately 40 occupational areas from graphics and imaging technologies to precision machining, robotics, automotive and collision repair technologies, drafting and design technologies, computer repair and networking, journalism and broadcast technologies, electronics, and construction technologies.